

Climate Change and Sustainable Aquaculture:

Addressing Climate Adaptation for Blue Transformation in Africa

Conference: World Aquaculture Tanzania 2026

Venue: Julius Nyerere International Convention C

entre **Location**: Dar Es Salaam, Tanzania

Dates: December 1 – 4, 2026

Session Format: 2-hour Session + 1-hour Networking Session

Session Chair: Dr Leila Basti - President Elect W

AS-APC

Background:

Sustainable Aquaculture is one of the core pillars of the Blue Transformation, the Strategic Initiative developed by the Food and Agriculture Organization of the United Nations (FAO). The initiative aims to expand Blue Foods production, to shift the focus from the land-based agriculture with high GHG emissions impacting the global climate to nutritious aquatic food with lower-carbon pathway contribution to global Food Security. Climate change impacts have been intensifying at unprecedented rates, throughout the globe, and are unexpectedly happening earlier than predicted by the global scientific community, in many instances, notably over the past years.

Relevance and Rationale:

Africa is one of the continents experiencing and projected to experience t he alarming impacts of climate change, which is threatening and will further threaten its food security. The recent increase in continental conflicts and regional geopolitical instabilities have had a direct impact on food production and value chains, threatening the sustainable development of aquaculture. In addition, the ongoing extremely intense El Niño, developing in the Pacific Ocean as the strongest event in 150 years, will bring further climatic h ardship to the continent. To cushion the compounded natural and anthropogenic climatic and geopolitical impacts on Food Security, Sustainable Aquaculture development in Africa is in an urgent need to address and implement Climate Adaptation as a process to reduce vulnerability and manage risks.

Objectives:

- To give an update on the Blue Transformation Framework, focusing on Asia and Africa
- To raise awareness of recent developments linked to Climate Change impacts on Food Security, and Climate Action from Mitigation to Adaptation
- To showcase Regional and Global trends in Climate Change and Blue Transformation, from an Asian Perspective
- To share experiences and innovative approaches for Sustainable Aquaculture production and open a debate with the audience on climate adaptation in Africa, based on an Asian Experience
- To discuss the compounded impacts of climate change and geopolitical instability on sustainable aquaculture, and identify Climate Adaptation Priorities
- To facilitate technical exchange and networking

Expected Outcomes:

- Identify Strategic Priorities for Climate Adaptation and Sustainable Aquaculture in Africa
- Discuss and gain insights into Technical Tools in Climate Adaptation and their applications for Sustainable Aquaculture
- Identify potential regional collaborations, financing, and knowledge sharing
- Elaborate a Report on Climate Adaptation and Blue Transformation in Africa

Targeted Participants and Call for Contributions:

- Government Representatives
- Food and Agriculture Organization of the United Nations Representatives
- United Nations Environment Programme Representatives
- World and Continental Development Partners (WB, AfDB)
- Implementing Agencies (AUDA-NEPAD)
- NGOs and Civil Society Organizations
- Grassroots and Community Leaders and Members
- Private Sector Investors
- Researchers and Technical Specialists
- Youth and Women involved in Aquaculture

Agenda and Specific date/Time/Location: TBC at a later stage.



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https://was.org/meeting/code/AFRAQ26

Asian Pacific Chapter of World Aquaculture Society